

after “borrower of a loan made under this part”;

(B) in subsection (e), by adding at the end the following:

“(9) FEDERAL DIRECT SIMPLIFICATION LOANS.—Income contingent repayment shall not be available for a Federal Direct simplification loan.”; and

(C) in subsection (m), by adding at the end the following:

“(5) ELIMINATION OF LOAN FORGIVENESS.—

“(A) IN GENERAL.—Notwithstanding any other provision of this Act and subject to subparagraph (B), with respect to any loan made on or after July 1, 2024, the Secretary may not cancel any outstanding balance of principal and interest due on the loan for the borrower of the loan pursuant to this subsection.

“(B) LOANS FOR CONTINUING PROGRAM OF STUDY.—In the case of a borrower whose first loan for a program of study is made prior to July 1, 2024, the Secretary may repay or cancel any outstanding balance of principal and interest due on the subsequent loans for that borrower for the same program of study pursuant to this subsection for—

“(i) loans made during the time it takes to complete that program of study; or

“(ii) loans made before July 1, 2028; whichever occurs earlier.”; and

(2) in section 493C, by adding at the end the following:

“(f) ELIMINATION OF LOAN FORGIVENESS.—

“(1) IN GENERAL.—Notwithstanding any other provision of this Act and subject to paragraph (2), with respect to any loan made on or after July 1, 2024, the Secretary may not repay or cancel any outstanding balance of principal and interest due on the loan for the borrower of the loan pursuant to this section.

“(2) LOANS FOR CONTINUING PROGRAM OF STUDY.—In the case of a borrower whose first loan for a program of study is made prior to July 1, 2024, the Secretary may repay or cancel any outstanding balance of principal and interest due on the subsequent loans for that borrower for the same program of study pursuant to this section for—

“(A) loans made during the time it takes to complete that program of study; or

“(B) loans made before July 1, 2028; whichever occurs earlier.”.

**SA 1674.** Ms. ROSEN (for herself and Mr. WICKER) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title I of division F, add the following:

#### Subtitle D—Teach CS Act

##### SEC. 6131. SHORT TITLE.

This subtitle may be cited as the “Teacher Education for Computer Science Act” or the “Teach CS Act”.

##### SEC. 6132. TEACHER QUALITY ENHANCEMENT.

(a) PARTNERSHIP GRANTS.—Section 202(d)(5) of the Higher Education Act of 1965 (20 U.S.C. 1022a) is amended—

(1) in subparagraph (B), by inserting “computer science,” after “science,”; and

(2) in subparagraph (C), by inserting “(including computer science, computer engi-

neering, data science, information technology, and cybersecurity professionals)” after “occupations”.

(b) ACCOUNTABILITY AND EVALUATION.—Section 204(a)(4) of the Higher Education Act of 1965 (20 U.S.C. 1022c(a)(4)) is amended—

(1) in subparagraph (C), by inserting “computer science,” after “science,”; and

(2) in subparagraph (G)(i), by inserting “and development of computational thinking skills” after “integrate technology”.

(c) TEACHER DEVELOPMENT.—Section 206(a) of the Higher Education Act of 1965 (20 U.S.C. 1022e(a)) is amended by inserting “computer science,” after “science,”.

##### SEC. 6133. ENHANCING TEACHER EDUCATION.

Section 232(c)(2) of the Higher Education Act of 1965 (20 U.S.C. 1032a(c)) is amended by inserting “, development of computational thinking skills,” after “technology”.

##### SEC. 6134. TEACHER EDUCATION PROGRAMS FOR COMPUTER SCIENCE EDUCATION.

Part B of title II of the Higher Education Act of 1965 is amended (20 U.S.C. 1021 et seq.) by adding at the end the following:

#### “Subpart 6—Teacher Education Programs for Computer Science Education

##### “SEC. 259. TEACHER EDUCATION PROGRAMS FOR COMPUTER SCIENCE EDUCATION.

“(a) PROGRAM AUTHORIZED.—From the amounts appropriated to carry out this section, the Secretary may award competitive grants to eligible institutions to establish centers of excellence in teacher education programs to support computer science education and computational thinking skills development.

“(b) USE OF FUNDS.—A grant awarded to an eligible institution under this section—

“(1) shall be used by such institution to ensure that current and future teachers meet the applicable State certification and licensure requirements in a field that will enable them to teach computer science in their State at the elementary and secondary school levels, by—

“(A) creating teacher education programs that meet the requirements of section 200(6)(A)(iv) and offer, through hands-on and classroom teaching activities with in-service teachers—

“(i) doctoral, master’s, or bachelor’s degrees in teaching computer science at the elementary school and secondary school levels; or

“(ii) teaching endorsements in computer science, in the case of a teacher with related State certification and licensure requirements or a student who is pursuing certification and licensure requirements in related fields, such as mathematics and science;

“(B) ensuring that current and future teachers who graduate from such programs meet the applicable State certification and licensure requirements, including any requirements for certification obtained through alternative routes to certification, or, with regard to special education teachers, the qualifications described in section 612(a)(14)(C) of the Individuals with Disabilities Education Act;

“(C) recruiting individuals to enroll in such programs, including subject matter experts and professionals in fields related to computer science; and

“(D) awarding scholarships and fellowships based on financial need and to recruit traditionally underrepresented groups in computer science to help such students pay the cost of attendance (as defined in section 472); and

“(2) may be used by such institution to—

“(A) hire and pay faculty salaries for the teacher education programs described in paragraph (1)(A);

“(B) conduct research in computer science education and computational thinking skills to improve instruction in such areas; and

“(C) carry out activities to encourage the Secretary to partner with other agencies, and prioritize funding for computer science education research to support teacher preparation.

“(c) DURATION.—

“(1) IN GENERAL.—A grant under this section shall be awarded for 5 years, conditional upon a satisfactory report to the Secretary of progress with respect to the program carried out with the grant after the first 3-years of the grant period.

“(2) REPORT OF PROGRESS.—Such report of progress on the program shall include data on the number of students and instructors enrolled, information on former graduates (including on how many earn teaching certification or licensure in a field that will enable them to teach computer science in their State at the secondary level, be prepared to teach computer science at the elementary level, and support students in developing computational thinking skills), and data on any additional funding (other than Federal funds) received to carry out the program.

“(d) APPLICATION.—

“(1) IN GENERAL.—An eligible institution desiring a grant under this section shall submit an application to the Secretary, at such time in such manner, and containing such information as the Secretary may require, which shall include—

“(A) a demonstration of the need for teachers with the certification or licensure requirements that enable them to teach computer science at the elementary and secondary level in the geographic area or State in which the institution is located;

“(B) the plan to ensure the longevity of the program after the end of the grant; and

“(C) the plan to scale up the program (including the plan for the number of personnel to be hired, a description of their expected qualifications and titles, the number of fellowships and scholarships to be awarded, the estimated administrative expenses, proposed academic advising strategy, and organizing and outreach to maintain virtual community of computer science educators).

“(2) EQUITABLE DISTRIBUTION.—The Secretary shall award grants under this section in a manner that ensures an equitable distribution of grants—

“(A) to rural and urban eligible institutions;

“(B) to eligible institutions that qualify for a waiver under subsection (e)(2); and

“(C) to eligible institutions that are located in areas where there is a need for increasing computer science education opportunities.

“(e) MATCHING REQUIREMENT.—

“(1) IN GENERAL.—To receive a grant under this section, an eligible entity shall provide, from non-Federal sources, an amount that is not less than 25 percent of the amount of the grant, which may be provided in cash or in-kind, to carry out the activities supported by the grant.

“(2) WAIVER.—The Secretary shall waive all or part of the matching requirement described in paragraph (1) for any fiscal year the Secretary determines that applying such requirement to the eligible institution would result in serious hardship or an inability to carry out the authorized activities described in this section.

“(f) REPORT TO CONGRESS.—Not later than 2 years after the first grant is awarded under this section and each year thereafter, the Secretary shall submit to Congress a report on the success of the program based on metrics determined by the Secretary, including the number of centers established, the number of enrolled students, and the number of qualified teachers.

“(g) TECHNICAL ASSISTANCE.—The Secretary shall use up to 5 percent of the

amount appropriated for each fiscal year to provide technical assistance to eligible institutions.

“(h) DEFINITIONS.—In this section:

“(1) ELIGIBLE INSTITUTION.—The term ‘eligible institution’ means an institution of higher education, as defined in section 101, which may be in a partnership with a non-profit organization.

“(2) COMPUTER SCIENCE.—The term ‘computer science’ means the study of computers, including algorithmic processes and the study of computing principles and theories, as defined by a State, and may include instruction or learning on—

“(A) computer programming or coding as a tool to—

“(i) create software, such as applications, games, and websites; and

“(ii) process, manage, analyze, or manipulate data;

“(B) development and management of computer hardware related to sharing, processing, representing, securing, and using digital information; and

“(C) computational thinking skills and interdisciplinary problem-solving to equip students with the skills and abilities necessary to apply computational thinking in the digital world.

“(3) COMPUTATIONAL THINKING.—The term ‘computational thinking’ means critical thinking skills that include—

“(A) knowledge of how problems and solutions can be expressed in such a way that allow them to be modeled or solved using a computer or machine;

“(B) the use of strategies related to problem decomposition, pattern matching, abstractions, modularity, and algorithm design; and

“(C) that involve creative problem solving skills and are applicable across a wide-range of disciplines and careers.”

#### SEC. 6135. ADJUNCT TEACHER CORPS.

Section 255 of the Higher Education Act of 1965 (20 U.S.C. 1035) is amended—

(1) in subsection (a), by inserting “computer science,” after “science,”;

(2) in subsection (b), by inserting “computer science,” after “science,”;

(3) in subsection (e)(1), by inserting “computer science,” after “science,”;

(4) in subsection (f)(2)(A)(i), by inserting “computer science,” after “science,”;

(5) in subsection (g)(1), by inserting “computer science,” after “science,”;

(6) in subsection (g)(3), by inserting “computer science,” after “science,”; and

(7) in subsection (k)(2), by inserting “computer science,” after “science.”

#### SEC. 6136. GRADUATE FELLOWSHIPS TO PREPARE FACULTY IN HIGH-NEED AREAS AT COLLEGES OF EDUCATION.

Section 258(d)(2)(A) of the Higher Education Act of 1965 (20 U.S.C. 1036(d)(2)(A)) is amended by inserting “(including computer science)” after “technology”.

#### SEC. 6137. TEACH GRANT.

Section 420N of the Higher Education Act of 1965 (20 U.S.C. 1070g–2) is amended—

(1) in subsection (a)(2)(B)(i), by inserting “computer science,” after “science,”; and

(2) in subsection (b)(1)(C)—

(A) by redesignating clauses (iii) through (vii) as clauses (iv) through (viii), respectively; and

(B) by inserting after clause (ii), the following:

“(iii) computer science,”.

#### SEC. 6138. GRADUATE AND POSTSECONDARY IMPROVEMENT PROGRAMS.

(a) PURPOSE.—Section 700(1)(B)(i) of the Higher Education Act of 1965 (20 U.S.C. 1133(1)(B)(i)) is amended by inserting “computer science,” after “science.”.

(b) DESIGNATION OF AREAS OF NATIONAL NEED.—Section 712(b)(4) of the Higher Education Act of 1965 (20 U.S.C. 1135a(b)(4)) is amended by inserting before the period at the end the following: “, including the need for computer science”.

**SA 1675.** Ms. COLLINS submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title V of division B, add the following:

#### SEC. 25 \_\_\_\_ . APPROPRIATIONS FOR BETTER ENERGY STORAGE TECHNOLOGY.

(a) IN GENERAL.—In addition to amounts otherwise made available for such purposes, for fiscal year 2022, there is appropriated to the Secretary of Energy to carry out section 3201 of the Energy Act of 2020 (Public Law 116–260), out of amounts in the Treasury not otherwise appropriated, \$150,000,000, of which—

(1) \$50,000,000 shall be for the Office of Electricity to support competitive grants for long-duration, grid-scale energy storage demonstrations; and

(2) \$100,000,000 shall be for the Office of Energy Efficiency and Renewable Energy to support a wide range of energy storage demonstration projects, including projects relating to bidirectional electrical, thermal, and chemical storage and battery supply chain activities, of which—

(A) \$50,000,000 shall be for the expansion of the partnership between the Advanced Manufacturing Office and the Vehicle Technologies Office to develop a domestic battery supply chain, including critical materials and battery manufacturing and recycling demonstration projects; and

(B) \$35,000,000 shall be for the Water Power Technologies Office to expand the HydroWIREs program to enhance the flexibility of hydropower in the United States and pumped storage hydropower resources, of which \$10,000,000 shall be for modular pumped storage hydropower demonstration projects.

(b) EMERGENCY DESIGNATION.—

(1) IN GENERAL.—The amounts provided under this section are designated as an emergency requirement pursuant to section 4(g) of the Statutory Pay-As-You-Go Act of 2010 (2 U.S.C. 933(g)).

(2) DESIGNATION IN SENATE.—In the Senate, this section is designated as an emergency requirement pursuant to section 4112(a) of H. Con. Res. 71 (115th Congress), the concurrent resolution on the budget for fiscal year 2018.

**SA 1676.** Mr. COTTON submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resili-

ency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title III of division B, add the following:

#### SEC. 2309. PROHIBITION AGAINST FEDERAL FUNDING FOR FOREIGN ENTITIES OF CONCERN.

(a) INELIGIBILITY FOR FEDERAL FUNDING.—Notwithstanding any other provision of law, a foreign entity of concern (as defined in section 2307(a)(1)) may not receive any Federal funding under titles I through IV of this division.

**SA 1677.** Mr. LEE submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

On page 1362, line 5, strike “equity”.

On page 1363, line 4, strike “equity”.

On page 1368, line 5, strike “equity”.

On page 1380, line 8, strike “equity”.

**SA 1678.** Mr. BROWN (for himself, Mr. PORTMAN, and Mr. RUBIO) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end, add the following:

#### DIVISION G—ELIMINATING GLOBAL MARKET DISTORTIONS TO PROTECT AMERICAN JOBS

##### SECTION 7001. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This division may be cited as the ‘Eliminating Global Market Distortions to Protect American Jobs Act of 2021’.

(b) TABLE OF CONTENTS.—The table of contents for this division is as follows:

#### DIVISION G—ELIMINATING GLOBAL MARKET DISTORTIONS TO PROTECT AMERICAN JOBS

Sec. 7001. Short title; table of contents.

##### TITLE I—SUCCESSIVE INVESTIGATIONS

Sec. 7101. Establishment of special rules for determination of material injury in the case of successive antidumping and countervailing duty investigations.

Sec. 7102. Initiation of successive antidumping and countervailing duty investigations.

Sec. 7103. Issuance of determinations with respect to successive antidumping and countervailing duty investigations.